



Mining Impacts Indigenous People and Native Lands



By Richard Tondreau
rtondrea@mines.edu

As Indigenous People around the world celebrate their cultures and way of life next Wednesday, students at Colorado School of Mines will have the opportunity to learn just how mining and other similar industries affect that very way of life during the free presentation, Mining and Indigenous Peoples panel, to be held at 2 pm in Ballroom D of the Student Center.

At the presentation, students will learn about extractives industries from the perspective of native tribes living on the lands being mined. The tour consists of the indigenous people from Guatemala, Bolivia and the United States. The presenters, citizens from within these countries, will offer their perspective on extractives industries and on the current issue of free, prior and informed consent.

"Indigenous peoples around the world are asserting their right to be involved in decisions regarding mining and oil development in their communi-

ties," Paul Bugala of Oxfam America, said. "At the Mining and Indigenous Peoples panel on October 12, the CSM community will have an opportunity to learn the perspective of a group of stakeholders who are trying to change the way mining is done."

The presenters are the indigenous leaders and NGO representatives Mario Tema of the Guatemalan Academy of Mayan Languages; Daniel Vogt of Integral Development Association of El Estor, Guatemala (AEPDI); Carlos Cuasace, Chiquitano Indigenous Organization (OICH), Bolivia; Jorge Cortés of Applied Development Studies Collective (CEADES) Bolivia; and Carrie Dann and Julie Fishel of the Western Shoshone Defense Project, Nevada, USA.

According to Oxfam, it is important that students, who are headed for employment with global mining companies, understand the necessity for community participation and

consent when mining and oil projects take place.

Many indigenous peoples feel that some mining companies and governments don't respect the wishes of the people living on lands where possible ore deposits lie. While other mining companies take advantage of corrupt governments and the people that live within those countries. Current systems often do not allow for participation in the decision making process of the opening of mines.

The No Dirty Gold campaign calls on mining companies in the U.S. and elsewhere to recognize communities' rights to 'Free, Prior and Informed Consent.' For more information, please visit the website at www.no-dirtygold.org.

Free, Prior and Informed Consent is a policy where companies try to gain consent from the inhabitants of the proposed mining area. However, before consent is given, the people in the area are told of all the possible repercussions of the mine, everything from how it will affect the local economy to possible environmental impacts.

The tour, sponsored by the Students for Change, the international Honors Society Phi Beta Delta and the Society of Women Engineers (SWE), is visiting Mines with the help of organizations like Oxfam America and Earthworks to increase awareness and encourage activism. SFC, Phi Beta Delta and SWE want to expand the horizons of Mines' students and make them aware of some of the issues facing the world and in particular, engineers. Oxfam America is a non-government organization that is leading the charge against hunger, poverty and social injustice. Earthworks is a national group raising awareness about the environment.

ASCSM Resolution Favors Amendments

By Laurie Cornell

This fall, Colorado will be the stage for an action packed election. On November 1, 2005, the general election ballot will present referenda C and D to the public. These issues are an attempt by state legislatures to ease the damage done by TABOR during the last four years.

Referendum C is a motion to allow the state to retain tax revenues exceeding the TABOR tax cap over the next five years. If referendum C passes at the ballot box, state taxpayers will no longer see their TABOR refunds at the end of tax season. Instead, the money that is usually refunded will be funneled into programs to improve higher education, K-12 education, and healthcare services for the elderly, disabled, and low-income populations. This funding will allow the state to repair programs that were drastically scaled back during the last four years due to a recession in the Colorado economy.

Referendum D is a bonding issue that works in conjunction with referendum C. It will allow the state to bond up to \$2.07 billion dollars depending on market conditions over the next five years. This bonded money will go to projects to renovate buildings on college campuses across the state, to repair dilapidated K-12 schools in struggling counties, and to improve state roads and bridges. The money will also go to repay the state's outstanding share of the fire fighter/police pension plan.

Due to the importance of referenda C and D to various funding issues across the state, the Associated Students of the Colorado School of Mines are proposing a statement in support of these measures. The resolution reads as follows:

"Whereas funding of higher education is in the best interest of society on the whole. Whereas the current state legislation inhibits the opportunity for higher education in Colorado. Be it resolved that, the Associated Students of the Colorado School of Mines as the acting voice for the student body do hereby affirm our support of referenda C and D."

This resolution will be discussed and voted upon at the next ASCSM meeting on October 20, 2005 at 7:00 pm in Ballroom A. If you are interested in learning more about referenda C and D or if you want to voice your opinion please come to the meeting and express your interest.

In the meantime, ASCSM representatives will be distributing information on referenda C and D around campus. Look for flyers in the student activities office and on the announcement bulletin boards in the student center.

Freshmen Attitudes!

Mel Kirk

So what kind of freshman class do we have this year? Well if a recent survey is any indication, we at CSM have a stellar class. Yes they are smart, well rounded students. But even more than that, they show a real sense of maturity and compassion. In a recent

PA class over 600 freshmen were surveyed about their attitudes towards the speaker Will Keim, alcohol and drug usage, and their responsibilities to each other.

Dr. Keim, a nationally known speaker from Oregon State University addressed the Freshman Class, the Athletes and the Greeks the week of September 12. In this particular program, he examined the relationship of alcohol and drug use with collegiate sexuality. In a follow up survey conducted in the PA 101 classes by the Student Development and Academic Services, 98 % of those surveyed said that his program was beneficial, and almost half thought that it was great and worth their time.

Perhaps one of the most important aspects of the program and follow

up survey was the attitudes shared concerning alcohol usage. When presented with the question: When you drink, why do you drink, almost half of the freshmen class (47%) declared they don't drink. In two related questions freshmen clearly are watching out for one another. 97% will watch out for their fellow students at a party, and are willing to take action if their friends are having drinking or drug problems.

It is encouraging to know that as we grow in population at the Colorado School of Mines, we have a responsible, mature group of young people eager to learn and share. We as faculty, staff, and fellow students have an equal responsibility to teach, lead and share the load. After all, that is why we are here.

Several Student Organizations in Jeopardy

Derek Morgan, Director of Student Activities

There are currently 108 officially recognized student organizations at the Colorado School of Mines. However, that number may soon be dropping as the Student Activities Office and ASCSM are working to update the files.

As of Monday, October 3rd, there are still 41 student organizations that haven't completed the *Organizational Update Form*...one of the easy yearly requirements that the office has for CSM student organizations.

These forms enable the Student Activities Office to provide accurate contact and group information to students that are interested in learning more about the organizations on campus.

If the organizations listed below

do not have their *Organizational Update Form* completed and turned in to the Student Activities Office by Monday, October 10 then they will be brought up for derecognizing at the next ASCSM meeting (10/20/05).

If you are a member of any of the following groups please stop by the office and pick up the update form. Better yet, harass one of your officers to do this.

Taking five minutes now to fill out the form is much better than making your organization go through the longer process of getting re-recognized later. Please help us from having to say BYE-BYE

continued on page 2

Inside this Issue of THE OREDIGGER

News.....2

Features.....4

Homecoming.....5

Entertainment.....6

Editorials.....8

ORC Information...9

Rec Sports.....11

Varsity Sports.....11

Backpage.....12

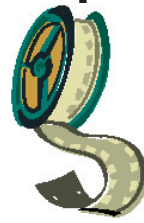
Beer Festival Recap on p. 2



Homecoming Details on p. 5



Movie Reviews on p. 6



Striving for RMAC #1 on p. 11



Great American Beer Festival Celebrates 24 Years

By Richard Tondreau
rtondrea@mines.edu

This weekend, Denver hosted the 24th annual Great American Beer Festival at the Convention Center downtown. Over 29,000 people attended the three day event, a new record.



Mines' enthusiasts after a night of taste testing.

Mines students were able to buy the \$40 tickets for \$15 and get a ride to and from the event due to the hard efforts of the Mines Activity Council. There were 48 spots on the bus and they filled fast. "Not many words go better with Festival than beer," Justin Anderson, a Grad Student at Mines said.

Nearly 400 brewers attended the festival with over 1,600 beers to try. Each beer is tasted by a panel of judges and awards were handed out. There were 69 categories to judge, including regional and national awards. California boasted the most medals with 38 and Colorado got second with 29. "I liked the fact that you can drink beer there that you can't buy anywhere else," Senior Grant Cope stated.

Most of the workers at the Beer Festival were volunteers. And a hard job it was. One volunteer was reportedly having a "one for you, one for me" approach to serving the beer, a slight insight to the good times at the GABF. All ticket holders received a shot glass with a 1 oz. mark. Some of the volunteers adhered to the "less is more we don't over pour" stated on all the tables, but some didn't care.

Spirits were high at the Convention Center. There were booths everywhere and people dressed to drink. Whenever someone dropped their plastic glass, the whole center would erupt in cheers and everyone would point. And as the night went on, the cheering got louder.

Clubs in Trouble

to several important CSM student organizations.

The organizations that need to be updated are:

Airsoft Association
American Ceramic Society
American Chemical Society
American Welding Society
Association of Computing Machinery
Association of Women Geoscientists
Band
Boxing Club
Campus Ministry International
Chess, Etc.
College Democrats
DodgeBall Club
Indonesian Student Association
International American Society of Metals
Intervarsity Christian Fellowship
Jazz Organization
Korean Students Association
Linux Users Group
Longboarders
Math Club
Mines Investment Club
Music Club
Newman Group
Performing Arts Council
Pi Epsilon Tau
Residence Hall Association

Continued from page 1

Sanskriti: Cultural Association of India
Shooting Club
Society of Automotive Engineers
Society of Economic Geologists
Society of Economics & Business
Society of Hispanic Professional Engineers
Society of Mining, Metallurgy, & Exploration
Society of Women Physicists
Student Athlete Advisory Committee
Students for Americas Future
Students for Change
Students in Bioengineering
Tau Beta Pi
Warhammer Club
Water Environment Federation

Again, please complete your *Organization Update Form* by October 10 and turn it in to the Student Activities Office.

For more information, please contact the Student Activities office at (303) 273-3970.

Students can also start new clubs or organizations. Starting an organization involves four easy steps. First, a registration form has to be completed. Second, a list of 10 interested students must be compiled and turned in. Third, a faculty member must be willing to serve as the organization's advisor. And finally, bylaws and a constitution have been created.

Board of Student Publications Grievance Process Notice

If any students, faculty, staff and/or community members have a complaint about any of the Colorado School of Mines student publications/media, including the *Oredigger*, *High Grade*, *Prospector* and/or Mines Internet Radio, they are encouraged to contact the appropriate editor/station manager to file that complaint. However, if a solution cannot be reached, the following procedure will be followed. Complaints can also be directed to any members of the Board of Student Publications member or the ASCSM office.

Complaints:

1. A complaint must be registered with the Board of Student Publications Chairperson or the ASCSM At-large council representative on the Board. This complaint must be in writing.

2. Any recognized student organization or member of the University community may file a grievance against any student publication.

3. At this point, the complaint is directed to the appropriate editor, with a request that the editor follow up. The editor will report to the Board of Student Publications on his/her findings. Also, the complainant has the right to report directly to the Board of Student Publications for review by the Board. The Board must set aside an appropriate amount of time to hear complaints.

Investigation:

The Board shall be responsible for all investigations related to student publications. An investigation can be initiated at the written request of the five (5) ASCSM council voting members, or a petition signed

by twenty-five (25) members of the student body, or by one (1) Board of Publications member.

1. After an initial hearing, the Board of Student Publications must take one of the following actions:

- Dismiss Complaint
 - Investigate
 - Set an appropriate sanction against the publication or individual
2. All actions must be approved by three-fifths of those present.

3. The chair must inform the complainant of the Board of Student Publication's response in the form of a letter to be kept on file.

For more information contact the board of student publications chairperson Jenifer Doane at jenifer.doane@is.mines.edu.

Featured Faculty

With his charming smile, sense of humor, and creative teaching style Dr. John Berger makes learning an enjoyable experience and has won him the Panhellenic Faculty of the Month for September.

Each month the Panhellenic Council chooses a faculty member who exhibits a sincere passion for teaching and students. Chapters provide their nominations and justifications and then a vote is taken during a Panhellenic meeting.

Berger is an associated professor in the Materials and Metallurgy Engineering department. He often uses humor to explain complex material, and always has time for students outside of the classroom.

"Dr. Berger makes my fifty minute class feel like twenty. He always thinks of creative ways to show us how materials fail and succeed, including breaking several pieces of chalk in various ways to show us the planes they break on," Sara Felling, senior, said.

Berger is an accomplished writer who has had nine books published. Although he may appear serious, Berger is actually full of life and loves to laugh.

"He has a quirky sense of humor that keeps everyone on their toes, and he keeps students involved by asking questions throughout the class to get us thinking rather than repeating himself constantly," said Felling.

Berger has several research projects he's working on for the college including Boundary Element Methods to Applied Mathematics.

"He is very knowledgeable and prepared for class, and his examples are always concise and methodical. He knows the material very well and at the same time finds a way to relate it to the students, which is the hallmark of a good teacher."



"His class is a great investment of my tuition dollars and he deserves to be faculty of the month," Felling continued.

Professional Bio Information

EDUCATION

B.S., Civil Engineering,
Univ. of Maryland, 1984
M.S., Mechanical Engineering,
Univ. of Maryland, 1986
Ph.D., Mechanical Engineering,
Univ. of Maryland, 1990

CONTACT INFORMATION

Division of Engineering- BB288
Colorado School of Mines
Golden CO 80401; USA
E-Mail : jberger@mines.edu
Phone: (+1 303)273-3682
Fax: (+1 303) 273-3602

RESEARCH INTERESTS

Boundary Element Methods
Green's Functions and the Method of Fundamental Solutions
Anisotropic Elasticity
Elastic Waves Propagation
Applied Mathematics

COURSES

EGGN422
Advanced Mechanics of Materials

EGGN532/MTGN 545
Fracture Mechanics

REPORTERS NEEDED!!!
CONTACT THE OREDIGGER OFFICE AT
OREDIG@MINES.EDU
FREE PIZZA WEEKLY

Students Across Country Demand Sustainable Cafes

SEATTLE--(BUSINESS WIRE via COLLEGIATE PRESSWIRE)--Oct. 4, 2005--Pura Vida Coffee announced today that campuses continue to ask for their innovative Sustainable Cafe program, which embraces socially responsible espresso cafes as a showcase for their wide portfolio of organic, Fair Trade beverages. The company's Espresso Solutions program for Food Service Directors includes everything from drip coffee stations to their fully-featured espresso bars. "Our Sustainable Cafe program is designed from scratch with sustainability in mind as a showcase for our unique family of beverages -- from the sustainably-harvested wood flooring, to countertops made from recycled material, to our beautiful tree-free, soy-ink posters hanging on the walls," said John Sage, CEO of Pura Vida.

Pura Vida is known for its 100% commitment to Fair Trade, organic beverages, including coffee, tea, cocoa, and chai. But now those products can be delivered in Pura Vida's new 100% biodegradable and compostable cups, and 100% recycled coffee sleeves printed with soy ink.

"Pura Vida is my partner of choice when it comes to finding innovative, socially responsible products,"

explains Vivian Schmidt, Manager and Food Services, Cafes, Coffee Carts, and Convenience Stores at the University of Washington. "They add a dimension of social responsibility to my venues by bringing me leading

desirable by our students. And our sales reflect that."

Tens of thousands of Pura Vida customers on college campuses walk to class every day with a truly sustainable latte, and because Pura Vida is charitably owned, that latte generates revenues for their programs helping at-risk children as well. In fact, students from around the country can see their "coffee dollars" at work on one of the Pura Vida Sustainable Spring Break trips this school year, visiting coffee farmers and Pura Vida charitable programs for at-risk children, such as soup kitchens.

"Successful socially responsible businesses like Pura Vida recognize that Fair Trade partnerships improve the economic security of the farmers they depend on," explained Paul Rice,

Executive Director of TransFair USA.

Buzz Hofford, Bon Appetit General Manager at Seattle University added, "We have more than doubled our sales volume in just two months since switching to Pura Vida! The response from students and faculty has been overwhelming. Everyone here loves the coffee, and the cause!"

Pura Vida's momentum on college campuses continues with new serving locations coast to coast, from University of California at Davis to American University in Washington, DC.

Pura Vida Coffee

Pura Vida Coffee is a Seattle-based gourmet coffee company that is 100% charitably owned. The company uses 100% of its resources to benefit at-risk children and their families in coffee-growing countries. Our devotion to helping at-risk children and families begins with our commitment to carry 100% certified Fair Trade, organic, shade-grown coffee, raising the living standards for farmers and their communities while protecting the environment in more than a dozen countries. Pura Vida Coffee offers premium products and services for large and small organizations, including universities, offices, institutional dining services, and churches, as well as individuals. To learn more about the company and its unique mission, please visit us at www.puravidacoffee.com.

edge products that are highly successful in the university environment. The best part is that they have already developed the socially conscious products into 'food service friendly' programs. Their amazing customer service only adds to their appeal," continued Schmidt.

Ted Lancette, Aramark General Manager at Loyola University Chicago said, "Pura Vida is at the forefront of a great trend in the food service business. Not only does the company provide innovative, socially-responsible products, but they are highly

The Goldman Sachs Foundation Announces \$4.4 Million in Grants to Education Programs

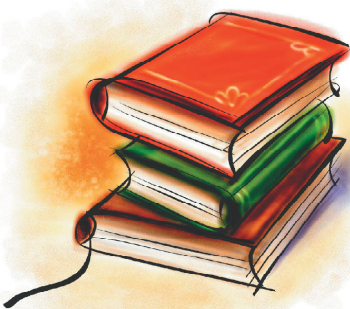
NEWYORK--(BUSINESS WIRE via COLLEGIATE PRESSWIRE)--Oct. 4, 2005--The Goldman Sachs Foundation today announced \$4.4 million in grants for programs designed to improve access to and prospects for success at top colleges for academically gifted students from traditionally underrepresented backgrounds in the United States, Ireland, South Africa and the United Kingdom, as well as for programs to improve the quality of teaching and leadership in public schools across the United States.

The grants announced today include:

-- \$2,315,000 for the University Access Program: Creating Opportunities for Talent to the University of Chicago (Chicago, Ill.), Georgetown University (Washington, D.C.), Harvard University (Cambridge, Mass.), Princeton University (Princeton, N.J.), London School of Economics and Political Science (London, United Kingdom), Trinity College (Dublin, Ireland), and the University of Witwatersrand (Johannesburg, South Africa).

University Access Program grantees will identify significant numbers of public secondary school students who have demonstrated academic ability and potential but come from backgrounds that are historically underrepresented at selective colleges; recruit and enroll them in multi-year, college-preparatory programs that emphasize academic enrichment and the skills need to apply successfully for admission to top colleges; and assess outcomes to ensure a positive impact on participants including matriculation and academic success once in college.

-- \$1,000,000 to the Hispanic Scholarship Fund (HSF) (San Francisco, Calif.) to support a collaboration between HSF, the Boys and Girls Clubs of America and The Johns Hopkins University Center for Talented Youth for a pilot program in Los Angeles and New York City to prepare 2,500 Hispanic middle school students to compete successfully for admission to selective colleges and universities. Grant funds will also provide ongoing support for HSF's Scholar Chapters,



which were previously funded by a grant from the Foundation.

-- \$560,000 to the Public Education Network (Washington, D.C.) to deepen local, community-based efforts to improve teacher quality policies and practices in five U.S. communities: Durham, N.C., Mobile, Ala., Portland, Ore., San Francisco, Calif., and Seattle, Wash. Funding will support teacher induction, pilot assessment programs, teacher retention and increase public support to sustain needed changes in the five cities.

-- \$500,000 to the Stanford University (Palo Alto, Calif.) to support the Stanford Educational Leadership Institute (SELI), a partnership of the Stanford University Graduate School of Business and the Stanford University of School of Education to promote the development of schools and leaders effective at fostering high-quality teaching and learning. The Foundation's grant will be used to deepen and expand its leadership development program for school principals and superintendents and develop a strategic plan for SELI's long-term sustainability.

With selected grants, the Foundation will combine a contribution of financial and intellectual capital in the form of Goldman Sachs professional expertise through its distinctive brand of "venture philanthropy" - the practice of high-engagement grant making that accesses the core competencies of Goldman Sachs to enrich grantee programs. The Foundation will leverage a network of volunteers who will serve as mentors, teachers, advisory board members, and presenters on such topics as entrepreneurship, business planning, and leadership.

Love.
Romance.
Commitment.



Destruction.

We need to clean up the gold mining industry before it tarnishes the jewelry business.

Cyanide, contaminated water, and displaced communities probably aren't what you want your customers thinking about when they consider buying gold jewelry. But that's becoming more and more likely as media coverage and public awareness of the mining industry's irresponsible practices grow. As a jewelry retailer, you know better than anyone how important it is to maintain consumer confidence in gold. What can you do to preserve gold's glowing reputation? Visit www.NoDirtyGold.org/retailers and urge the mining industry to make real reforms that respect local communities and the environment. You'll be protecting a very important relationship: the one between you and your customers.

www.NoDirtyGold.org/retailers



AISES is selling frybread FRYBREAD again!!!

WHAT: Frybread \$2
Frybread Meal= NAVAJO TACO \$5 includes chips and a drink (we will have diet and veggie burgers)

WHEN: Thurs Oct 6th. 11:00-1:00

WHERE: The M.E.P house (18th and Illinois) by public safety and weaver towers.
1112 18th Street.

WHY: To raise money to help us go to Nationals in North Carolina.

Yo Ho! Yo Ho! A Miner's Life for Me!

By Richard Díaz

Argggggh, you ready for homecoming 2005? This year's homecoming committee has come up with a ton of great events, enough to make all Orediggers stand on the poop deck and yell "Shiver me timbers! I shall be keelhauled if I leave campus for fall break!"

With comedian/guitarist Johnny Walker making you laugh so hard that rum will come out your nose, and trash band, Recycled Percussion, rocking your eye patches and parrots off, this homecoming will

be one that you'll remember all the way to Davey Jones's locker.

Also, don't forget about the world famous ASCSM chili cookoff, where you can get some great food and watch your fellow students compete in such events as the Chubby Buccaneer, Pirate Pyramid, and the always exciting Battleship Race.

Plus, for every even you attend during homecoming, you obtain a special key that can be used to unlock the Pirate's Treasure Chest.

Inside the treasure chest will be tons of great prizes, including an iPod!

Most importantly, don't forget to dress up in your pillaging best to watch the Mines Football team

dominate the Fort Lewis Skyhawks. Arrrr, ye be a bunch of scurvy laden dogs if I don't see you out there! For more information, contact the MAC office at 273-3997.



Top Ten Pirate Pickup Lines

(from <http://www.talklikeapirate.com>)

- 10 . Avast, me proud beauty! Wanna know why my Roger is so Jolly?
9. Have ya ever met a man with a real yardarm?
8. Come on up and see me urchins.
7. Yes, that is a hornpipe in my pocket and I am happy to see you.
6. I'd love to drop anchor in your lagoon.
5. Pardon me, but would ya mind if fired me cannon through your porthole?
4. How'd you like to scrape the barnacles off of me rudder?
3. Ya know, darlin', I'm 97 percent chum free.
2. Well blow me down?
1. Prepare to be boarded.

Homecoming Theme Winners!

Mines Activities Council would like to congratulate the following people for winning the "Pick the Homecoming Theme Contest" which took place during the Celebration of Mines!

Nathan Greeney
 Luke Jain
 Justin Mullings
 Jeremy Ureche

Each person will receive \$25, as they all came up with a pirate-based theme. Thanks for all your great ideas and participation!

SCHEDULE OF EVENTS

Thursday, October 13th

EVENT	TIME	LOCATION
Recycled Percussion	7:00PM	Ballrooms
Movie	9:30PM	Ballrooms

Friday, October 14th

EVENT	TIME	LOCATION
Spirit Day!	All day	
Events	5:00-8:00PM	IM Fields
Chili Cook-off	5:30-7:00PM	IM Fields
Soccer game (Mines vs. Metro)	7:00PM	Brooks Field
Comedian: Johnny Walker	8:00PM	

Saturday, October 15th

EVENT	TIME	LOCATION
Community Breakfast	7:30AM	Foss Parking Lot
Parade	10:00-11:00 AM	Washington St.
Football Game (Mines vs. Fort Lewis)	1:00PM	Brooks Field
Powderpuff Finals	After game	Brooks Field
Student/Alumni BBQ	After game	Brooks Field



The tradition of Queen and Beast dates back to 1961.
www.mines.edu

Voting for Homecoming Queen and Beast

It's time again for homecoming queen and beast elections!!! This year we have a wide variety of qualified individuals vying for the title. Each candidate submitted an application, which has been judged by various faculty on campus, comprising 40% of the overall scoring (20% academics, 20% campus leadership and involvement).

Now it's up to you!!! The last 60% of the scores is based on student voting. Go online to the student homepage, <https://www.is.mines.edu/stuweb/>, sign in and

vote for your favorite candidates! Voting starts Monday, October 10 at 7am and ends Friday, October 14 at 6pm. There will be voting tables set up in the Student Center Monday through Friday, 11-1pm.

Winners receive \$250 each in Barnes and Noble gift cards, donated by the Mines Alumni Association. Runners up receive \$50 gift certificates, as well various prizes. Winners will be announced at halftime of the football game on Saturday, October 15.

This year's nominees are:

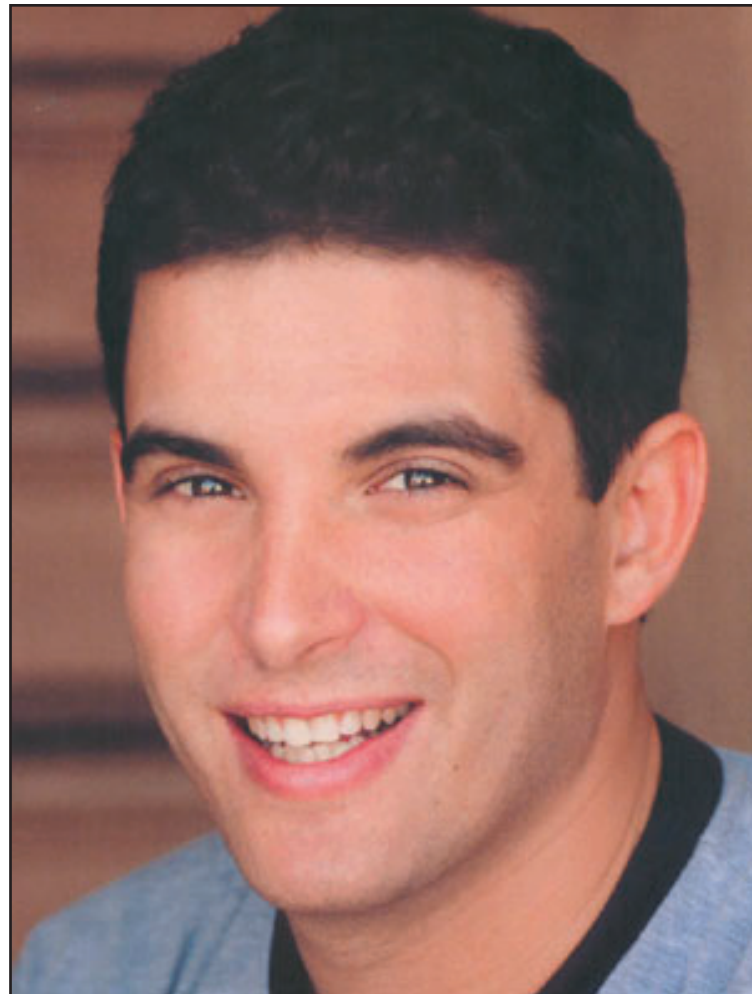
Queen

Liz Major - Blue key
Alli Nold - Sigma Kappa
Andrea Shaffer - Alpha Phi
Jessica Weber - RHA
Christi Welter - Pi Beta Phi

Beast

Nick Benson - Kappa Sigma
Ryan Grady - Sigma Phi Epsilon
Scott Harrison - Blue Key
Jared Heath - Sigma Alpha Epsilon
Casey Morse - Sigma Nu
Adam Noelck - Beta Theta Pi
Kourosh Yazdani - RHA

Homecoming Committee Proudly Presents: Johnny Walker



Johnny Walker is one of the hottest young comics today. Based out of Los Angeles, and a regular at the famous Hollywood Improv, Johnny is a NACA favorite and has traveled extensively throughout the country entertaining college students and headlining comedy clubs.

Johnny's shows contain a mix of topical parody songs to the tunes of songs ranging from Eminem to Dave Matthews, his own original songs, straight stand-up, and improvisation which he honed at both the famous Second City and Groundlings Improv schools. Growing up and attending college in Connecticut before moving to California, Johnny's unique brand of musical comedy has likened him to a mix between John Mayer and Adam Sandler. Johnny's songs have been broadcast on the nationally syndicated All Comedy Radio, National Public Radio, and XM Radio among others. Look out for him this summer, as the star of the Oxygen Network's new hidden camera show "Boys Behaving Badly."

and returning guests
Recycled Percussion



Recycled percussion is charging into the Fall of 2005 with a massive new stage performance which redefines their branded "Junk Rock" style of power-percussion in an all-out rock show mega-performance. Known for their ballistically visual show and mesmerizing muscle-driven drumming, the band of three drummers and spinmaster "DJ Dirty Soul" has created an electrifying new show at the direction of band founder Justin Spencer. With a stage set that is punctuated with a massive drum kit, buckets, metal drums and monstrous power tools, the perception of what could seemingly be interpreted as a novelty stage act is immediately dismissed by the masterful music that has propelled them into one of the most in-demand shows touring today. Photo from www.recycledpercussion.com

CHILI COOKOFF

ASCSM - Homecoming
Friday, October 14, 2005



WHO: Anyone that can make great chili!

WHY: To be the best, and win the prize

WHEN: October 14 - 5:30 - 7:00 PM

WHERE: CSM Campus

We are hosting a Chili cookoff and you are invited to prove that your Chili is the best. Enter your chili now and we will supply people, bowls / silverware / napkins, hotdogs and buns, and a serving table for you to serve the chili at.

APPLICANTS:

- Should make 1 gal. of Chili
- Bring your own pot / heat-source
- Winner gets \$100 and Mines homecoming champion shirt.
- All entry members get a Mines homecoming T-Shirt.

CONTACT DWYATT FOR ENTRY

call: (830) 708 - 3229 -or-

email: djackson@mines.edu

Contact Deadline: October 12



Arriving Shortly

Chase Hoffman

These next two weeks are fortunate for our avid buffs or leisurely theatre-goers. We've got comedies, chick flicks, drama, action, horror and even a lifting gospel film. There is definitely something for everyone. The one downside is that none of these are Oscar nomination quality, but what can you do? Happy movie going.

October 7th

In Her Shoes

20th Century Fox
Drama/Comedy, Rated PG-13
Starring: Cameron Diaz, Toni Collette, Shirley Maclaine

Directed by Curtis Hanson (also directed *8 Mile*, *L.A. Confidential*)

Summary: Maggie (Diaz) is the wild girl out to excite men, while her sister Rose (Collette) is the business oriented, independent and very opposite. Maggie is jobless and is bumming off of her sister until Rose kicks her out. Maggie contacts her long lost grandmother and lives in a retirement community.

Impression: Seems like a good dramedy. Diaz is always an eye catcher and the plot is off-beat and creative. If this sounds good to you, you should make the effort.

The Curse of the Were-Rabbit

DreamWorks SKG
Family, Rated G
Starring: Peter Sallis
Directed by Steve Box, Nick Park

Summary: Wallace and Gromit have a serious issue with garden sabotage. The duo investigates with suspicion of a monster bunny.

Impression: If you've liked them before, you'll like them again. Simple as that.

Waiting...

Lions Gate Films
Comedy, Rated R
Starring: Ryan Reynolds, Justin Long, Anna Faris

Directed by Rob McKittrick

Summary: Employees at the She-nanigan's restaurant fight boredom in best ways: customer abuse, sex, and practical jokes.

Impression: Get ready for this. The makers of this film were different thinking about college people like us. Look out for Dane Cook and Andy

Milonakis. See this please.

Two for the Money

Universal Pictures
Thriller/Drama, Rated R
Starring: Matthew McConaughey, Al Pacino, Rene Russo

Directed by D.J. Caruso

Summary: Ex-athlete (McConaughey) becomes outstanding at predicting the outcome of games. Super-bookie (Pacino) recruits him.

Impression: I've heard a lot of optimism about this film, but it's a rip-off of *The Devil's Advocate*.

The Gospel

Screen Gems
Drama, Rated PG
Starring: Boris Kodjoe, Nona Gaye, Idris Elba

Directed by Rob Hardy

Summary: A successful R&B singer comes home to help his sick father. He gets into the Gospel.

Impression: If I said this movie will completely suck beyond a shadow of doubt, I'd probably look like a racist. Anyways, I think you how good this will be.

October 14th

Elizabethtown

Paramount Pictures
Comedy/Drama, Rated PG-13
Starring: Orlando Bloom, Kirsten Dunst, Susan Sarandon

Directed by Cameron Crowe (also directed *Jerry Maguire*)

Summary: Drew (Bloom) comes home for his father's funeral. He encounters an unexpected attraction to flight attendant, Claire (Dunst).

Impression: This is a nice mellow drama, perfect for the leisure-goer who likes most romance films. It's not necessary meant for everyone.

The Fog

Columbia Pictures and Revolution Studios

Horror, Rated PG-13
Starring: Tom Welling, Maggie Grace, Selma Blair

Directed by Rupert Wainwright
Summary: A little sea-town gets swallowed by fog and people or something like that.

Impression: I'm not scared, should you? Of course not! Never see this!

Domino

New Line Cinema
Action/Adventure, Rated PG-13
Starring: Keira Knightley, Mickey Rourke, Edgar Ramirez

Directed by Tony Scott (also directed *Man on Fire* and *The Fan*)

Summary: Domino (Knightley) quits the rich life for the fast paced lifestyle of a bounty hunter.

Impression: There are so many good reasons to see this. Knightley, Rourke, Walken, Liu, and Tony Scott. You've got to see this or you're a loser.

Proof Proves Worthy

Chase Hoffman

Most movies take familiar settings. They almost constitute their own sub-genres. For example, you have prison flicks, football flicks, etc. *Proof* takes us into a setting that we are familiar with at school, but is not common in the theatre.

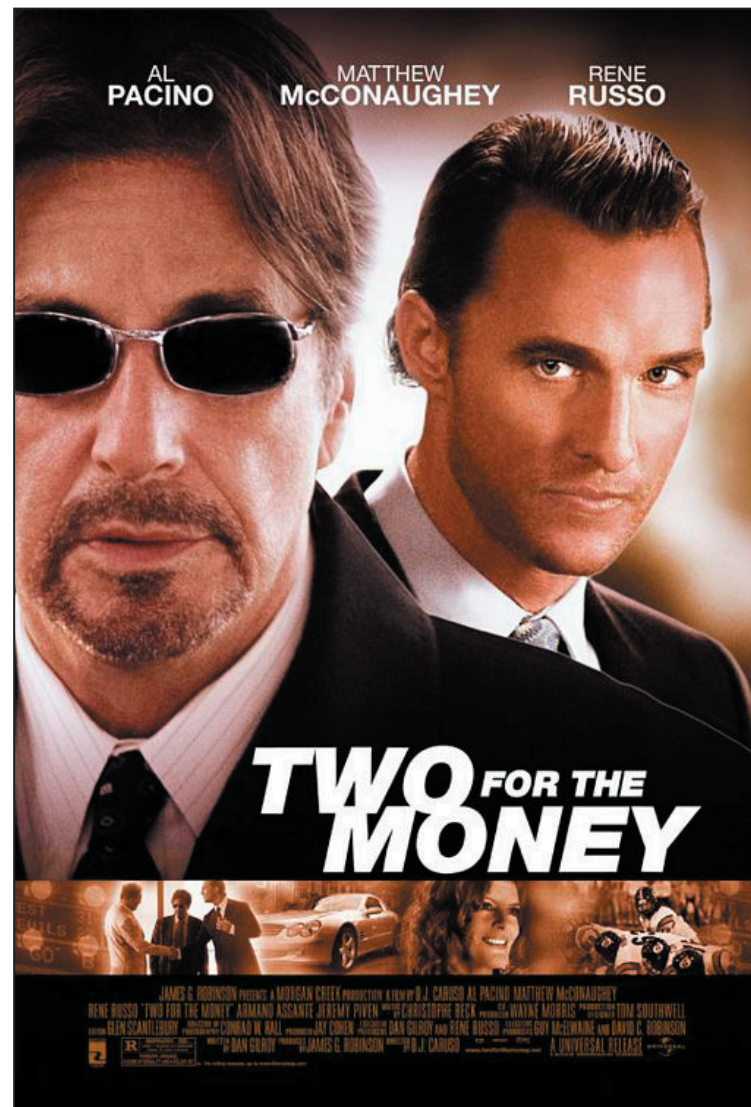
Enter the mind of a genius mathematician who is also prone to lunacy. *Proof* leads us into the conflicted life of the genius' daughter. The change of settings and the complimenting elements work an unequal feeling you will feel when you leave the theater.

Proof was adapted from a play. Almost always, when this is the case you will see more dialogue than usual, and the story is more dramatic. The daughter Catherine, played by Gwyneth Paltrow, has a tendency for being volatile and unpredictable. She is plagued by the fact that she inherited some her father's skill for math; she may have also inherited some of his madness. This appends into the movie very nicely and will make you reflect on yourself.

A refreshing aspect to see is well designed dynamic character. Catherine is representative of each and everyone's own feelings of being unsure, and sense of feeling lost. Fortunately for us, the writers decided to do this utilizing a teenager with typical teenage angst.

The father, played by Anthony Hopkins, represents our past in a way. He stands for what happens that makes us who we are, for better or for worse. Catherine's sister, Claire, played by Hope Davis, demonstrates the forces in our lives that mean well, but ultimately hold us back. Hal, the father's ex-student, represents the logical forces compelling us to do what we should do, even when we are scared.

Overall, this is a deep and unique film and it can be enjoyed by all and even more by students like us.



Here Comes the Corpse Bride

Adam Eng

If you want to see a bizarre movie where even fat guys have toothpick-thick legs, this movie is for you. If you have not seen the previews, it will take you 5 minutes to predict the entire movie, 1 otherwise. Now I don't want to seem too harsh but somebody spent about 3 whole minutes writing this thing. This relatively short movie, only 76 minutes, feels like an eternity. As an added bonus they break into song randomly, not like in Disney movies where they pay professional singers and have a beat, but instead have horrible singers try to sing to seemingly beat-less songs. Please take my advice, run away screaming from this "scary" movie.

Chris Light

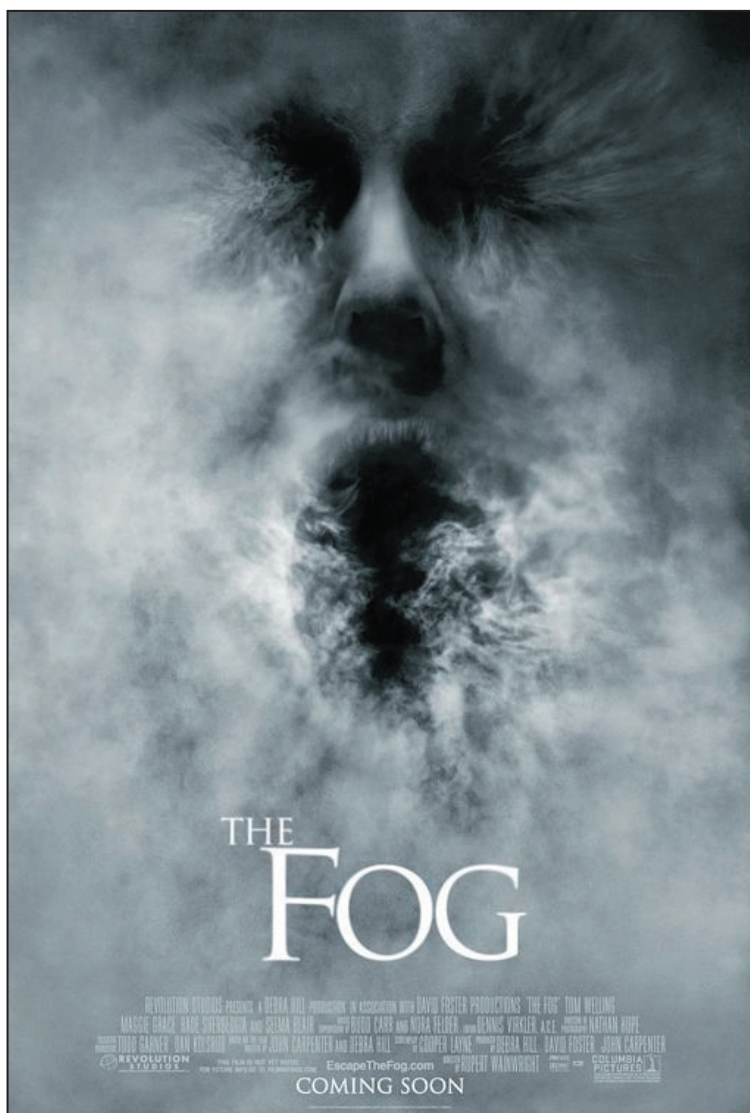
Ignore the preceding article. I found this one quite charming. The obvious comparison to make here is to *The Nightmare Before Christmas*, Tim Burton's previous flirtation with stop-frame animation. If you have seen it, then you know that these movies are not meant to be "scary". That's just Tim Burton's warped style finding its way into every movie he makes, even family oriented films. That's what makes them sell, by the way. I'm damn tired of sugary family films giving me cavities. Not to sound like some goth, but sometimes we need a little escape into the twisted and macabre to add some flavor, and to open people up to something different. And *Corpse Bride* succeeds. It doesn't need to focus heavily on the plot, because it has so much to work with.

The characters are wonderful, each one looking very different from the last (except for the chorus of skeletons), ranging broadly in size and shape, but each one capturing their personalities in appearance. Yes, they all have toothpick legs, but it adds to the film's cartoonish whimsy. Now that I think of it, the only character with normal legs is the Corpse Bride. One of them has no flesh, but the other is quite shapely. What can I say: Helena Bonham Carter makes a cute puppet. Johnny Depp's resemblance to his character is even more noticeable, and kind of eerie.

Now, on to the singing. When you bring in "professional" singers as Adam puts it, things go wrong,

especially with this film's atmosphere. You get angelic voices that don't match their eccentric, oddly shaped characters. To be honest, this has bothered me in the past. A great example is Disney's *The Hunchback of Notre Dame*. The title character, Quasimodo, is a hideously deformed bell ringer. Would you expect his voice to rival Pavarotti? NO! He's ugly and he should sound ugly. But what happens as a result of practically no human contact? All of that "inner beauty" I've heard so much about is released, and he sings like a choir boy. It just doesn't work. Personally, I enjoyed Albert Finney's crooning to accompany his stout, creepy looking character, as he swivels from side to side with the beat, which I assure you *is* present and noticeable (this doesn't need to be a gangster rap, people).

It's those small idiosyncrasies that add up as a whole to the film's feel as a whole. The land of the living is a drab reflection of Victorian era England. The land of the dead on the other hand is the place to be, with vibrant colors, characters, and music. The props and architecture are a little less vertigo-inducing than *The Nightmare Before Christmas*, but still does plenty of experimenting with the stop-frame medium. That's what I wanted to see. The reason the plot only took three minutes to write is because it's a kids movie (sort of). If you're overcritical of movies like this, you'll walk out of the theater with nothing. Shut up and enjoy it for what it is.



Lord of War

Adam Eng

You mean Warlord? Well, I prefer it my way. If you did not get that joke, get off your butt and run down to the movie theatre. This is one of the best movies out right now and if you have not seen it you are seriously missing out. This movie is not hyped up enough, so some people don't even know it exists. Well, I'll give you a small appetizer.

Lord of war follows the life of Nicolas Cage as he makes his way as a gun smuggler. Cage works his way around a clever but honest Interpol Agent played by Ethan Hawke, the cop from Assault on Precinct 13 and Training Day (he can play a wide

range of characters).

Cage is also joined by Bridget Moynahan, the attractive doctor from I Robot, and Jared Leto. You might remember him shooting up in Requiem for a Dream or as one of the "straight" guys in Alexander. Sorry, but I can't give you any more information than that without giving away parts of the movie.

But I offer a word of caution; this movie is very graphic from the get-go. So if violence, drugs, and sex bother you, stay away. For those of you who can stomach these things, you got to go, for you will not be sorry.

A Little Peace and Serenity

Chris Light

Having casually watched both *Buffy the Vampire Slayer* and *Angel*, I had an idea of what this film would be (like *Star Wars*, but made by smartasses who don't really care about *Star Wars*). Visually, this film looks like a sci-fi special effects bonanza: big space battles where, despite being in space, the ships crowd and blend together, like zebras. The plot is bloated with common fare for this kind of movie: a rag-tag crew on a junk-heap ship running around a gritty, used future, an all powerful "Parliament" (a sort of Big Brother on Valium) running everything, and a mysterious young girl with the power to bring it down. Sound kind of familiar? That's why I wasn't anxious to see it.

As it turns out, I really liked it for the same reason my friend in the seat next to me hated it: the dialogue. Well, it's more like the attitude. If you're a fan of Joss Whedon, I'm sure you

understand. Oh sure, I could gripe about the afore-mentioned faults, but they aren't really faults because the film doesn't take itself too seriously. Although I have never seen *Firefly*, the short-lived show on which the film is based, it strikes me as a space opera without the opera house. All the attention is on the actors. Of course, the movie had a bigger budget than the show, and certainly used. But the emphasis stayed on the characters, not the effects, something the *Star Wars* prequels tried to return to, but succumbed to the dark side of blockbuster moviemaking and collapsed under their own weight instead.

Why the references to *Star Wars*? I guess I saw *Serenity* being as fun as *Star Wars* was supposed to be. It's serious when it needs to be, then takes care to kick back and have a good time. See George, it's really not that hard, now is it?

Violence is the Answer

Chris Light

Being a student at Mines, you're probably a weenie little nerd who got your ass kicked a lot in high school, and desperately want to get back at all of them. Just kidding, a very unfair generalization. But who hasn't had that fantasy at least once where you suddenly realize your ability to kick some ass yourself? Well, *A History of Violence* should seem familiar to you, then. It's a story about a well-liked, unassuming man (played by Viggo Mortensen with a much needed shave and haircut) living in a small town. He's married to a lovely Maria Bello, has a couple kids, a nice house, and a horse. Yeah, yeah, but aside from Maria Bello, all of that is boring. Enter two bad guys who stick-up the local diner he runs. He very politely offers them all of the available cash, but they just have to be rude. The next thing you know, one of the baddies has two a full clip of rounds buried in his chest, and the other is minus

half his face, laying half-face down in a pool of blood. I suffered a severe adrenaline rush.

The movie has a few of these moments: enough to keep up the pace of the movie, but not so many that each occurrence loses its novelty. The scenes in between focus on the growing conflict with the protagonist. Suddenly he's the local hero, attracting attention to suspicious characters who claim he is somebody else...somebody far different than the man he appears to be. The movie gets you wondering: is he really just a small town average joe with a mistaken identity crisis, or is he hiding something? I would have preferred it to stay a mystery, but the movie chooses for you. What did it for me was the final scene. The film ends right when it should, without dragging out the details. It answers enough during the second act. A fill-in-the-blank is perfect for the end.

Questions, Comments, Funny Jokes?

Contact oredig@mines.edu

Reel Geek

A film geek writes about geeks on film

Jen Schneider

In my class "The Engineer and Scientist in American Film," I ask my students to see some good old movies, and they encourage me to see films I might never see otherwise. Below are reviews of their recent pick, *What the Bleep Do We Know?* and of mine, *Forbidden Planet*.

Students' Pick: *What the Bleep Do We Know!?* (2004)

If you're reading this, there's a chance you are a typical engineering/science student. If so, you like things to proceed in a linear fashion, and you prefer things to be measurable and definable. If this hasty generalization does not describe you, forgive me. If it does describe you, read on. And check out *What the Bleep*. You might be someone who needs to see it.

First, though, there will be some things in this movie that bother you. For example, it's a documentary and a fiction film and parts of it are animated, including a fancy web of neurotransmitters and horny Jabba-the-Hutt-shaped cells.

It will also bother you that the talking head interviews are not captioned, which means you don't know until the end of the film who is an expert in what. For example, that guy spouting off about quantum physics might be a Ph.D. from UCLA, or he might be the neighborhood lunatic. You just don't know until the end.

But let's suppose you can hack the fact that the film defies our genre expectations. Let's suppose that you are okay with not knowing if these people talking about "neuropeptides" and "quantum fields" are experts or not. You will still be driven completely, maddeningly insane by the middle-aged blonde with the big spooky eyes who goes on and on about the "holograms of your brain." My husband, who is an engineer, guessed that she was an astrologist, or maybe a psychic. I guessed she was the neighborhood lunatic.

We learn at the end that she is J.Z. Knight, a woman who channels the "Master Teacher Ramtha." Yep, channels. So, actually, it's Ramtha



in *What the Bleep*. Her/his website, www.ramtha.com, is worth a look-see. For starters, we learn that Knight was born in Roswell, New Mexico. Ramtha, on the other hand, lived here 35,000 years ago as a Lemurian. You get the picture.

Nonetheless, I heartily recommend this film for anyone interested in quantum physics, philosophy, or spiritual matters, if only because it's an excellent discussion starter and a pretty cool piece of filmmaking. And most of the people interviewed have the credentials to know what they're talking about. Like me with this film

column. Ramtha.... Can you hear me? Which movies should I recommend this week.....?

My Pick: *Forbidden Planet* (1956)

It's not easy to pick a companion piece to go with *What the Bleep*. In all honesty, it might help to see the Nova special *The Elegant Universe* to get a handle on quantum physics first.

But since it's boring to write about a Nova special, I'll write instead about the fabulous science fiction extravaganza *Forbidden Planet*, starring that wacky *Naked Gun*-ster Leslie Nielsen as a dashing Commander John J. Adams.

The connection to *What the Bleep* is that *Forbidden Planet*'s plot centers around Dr. Edward Morbius (Walter Pidgeon), a scientist who has been living on the planet Altair with his gorgeous young daughter Altaira ever since his crew of space explorers were killed by some unknown, evil force on the planet.

That unknown, evil force was not J.Z. Knight. Rather, the connection is that Morbius's consciousness has some extraordinary powers of its own, which is really the point of *What the Bleep*: that our minds are much more powerful in creating our realities than we give them credit for.

Most important, though, is that *Forbidden Planet* is a classic sci-fi flick. Later *Star Trek* episodes definitely borrow from this fore-runner, and its lousy acting and saturated color are about as typical to the original genre as you can get. It's also got Robby the Robot, who became something of a star himself. When you watch it, try to pay attention to the music and sound effects: you'll notice a very early version of electronica. Hollywood noticed, too, and nominated the effects for an Oscar.



Letters to the Editor

Dear reader,

I wrote this before I graduated, and agree with it now more than ever, having just left a job requiring 60 hours per week from the average salaried worker...

I believe today is the first day in a month that I've had time to myself. I've pretty much had to skip all of my extracurricular activities and reduce time with my friends to a few measly hours a week in order to go to interviews and get my schoolwork done on time. Now I have nothing due for at least four days, and by an awesome coincidence I only have three hours and forty five minutes of class next week. So now I can relax, just when I was finally beginning to feel like a true chemical engineering student.

I am aware, however, that this schedule is not unique among students at Mines. The majority of us came here with the understanding that we would have reserved social lives, and a hectic schedule for a minimum of four years; a reasonable price to pay for getting good at an honorable profession with sound job security and unlimited opportunity.

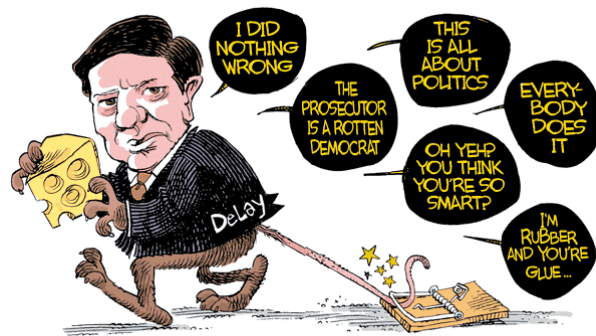
Nevertheless, I have often been at odds with this implicit decision. I have regularly wished and tried to make time for leisure and friends, only to remember where I wanted to be once I graduated. Now I'm graduating and paying very close attention to the companies who include work/life balance as part of their corporate culture and looking learily at other companies who seem to demand the same amount of my time, if not more, than here at school. Various professors have implied that life will not stop being busy once I graduate and in fact might even get busier.

True enough these professors and rigorous companies are not outside of the norm. The workplace is generally stressful and time consuming. Time Magazine recently wrote an article entitled "Ready, Set, Relax!" discussing America's growing discontent with being too busy. According to the article not only do 80% of men and 62 % of women work more than 40 hours a week, but "60% of Americans felt pressure to work too much, more than 80% wished for more family time and that 52% of them would take less money to get it." The main gist of the article is that slowing down, while something many of us value, is often a difficult task requiring a deliberate effort on the part of the individual.

I think the Time article is very relevant for students graduating from this school. The first priority on many of our lists when we get out of here *should* be to enjoy life. I suspect that many of us are so used to being busy that we'll miss this point, quickly filling up our schedules with more seemingly necessary chores, tasks, and hobbies. Many of us are looking at jobs that will be very demanding, some even requiring over 60 hours per week of labor. With this recession there is pressure to accept a job that we will be obligated to for several years, long after things improve. Instead it might be wise to take a chance and wait for something more desirable, and if we get that job, not feel the need to start climbing the ladder on the first day of work.

America is unique in the sense that the country's one goal has been to improve the quality of life, both in liberty and in economics. Well, we have those, it might be time to enjoy them.

John Hillert



An American Education

The public education system in America is on the verge of destruction by a home-made "WMD," posing as the legislation entitled No Child Left Behind.

Schools, typically in poor socio-economic areas, are labeled as failing and subsequently closed if they do not meet an increasingly stringent set of government standards. What's more, these schools are "graded" off of their respective state competency tests.

To put this relativity into perspective, Texas' TAAS test for high school is roughly equivalent to Michigan's MEAP test for 8th grade. Though the definition of "retarded" is rather wide in Texas, such an intellectual gap shouldn't span the Grand Canyon.

It is fairly easy to see, then, how one states schools are able to soar while another's are labeled "failing," regardless of the actual achievement on behalf of the students.

As an aside, it would be helpful to remind the current administration that education is a Constitutionally reserved power of the states, but who abides by *that* anymore.

Additionally, the nation must

finally stand up and realize that the English language is being manipulated on a daily basis. The P.A.T.R.I.O.T. Act rapes Constitutional freedoms and N.C.L.B. is designed to destroy the foundational principle of a free, public education.

To the disbelievers out there, it's time you pick your head up from under the sand. Schools across the country, some in our very own Denver, are being closed because of federal labeling.

What's more, the schools that are on the threshold of closing haven't a fighting chance in hell because of funding cuts by both N.C.L.B. "standards" and unfunded mandates by the Bush Administration.

Public education is a cornerstone of American society. After all, knowledge – not daddy's oil pals – constitutes true power. Unless the suburbanite sheep of America wish to enslave future generations similarly, it's time that citizens begin making education their primary concern.

Zach Aman
oredig@mines.edu

THE OREDIGGER

THE VOICE OF COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN
APPLIED SCIENCE AND ENGINEERING



ELI MARTIN
Editor-in-Chief

RICHARD TONDREAU
Assistant Editor-in-Chief
Sports Editor

CLAIRE VETTERLING
Content Manager

CHASE HOFFMAN
Business Manager

CHRIS LIGHT
Entertainment Editor

ZACH AMAN
Editorials Editor

PHONE (303) 384-2188
FAX (303) 273-3931

The Editor's Corner

The Right to Privacy

As John Roberts takes his seat on the Supreme Court many await the Constitutional direction of his influence.

Though Roberts has consistently dodged the righteously pointed questions of the Senate Judiciary Committee, the country will soon gain its first insight into the new Justice's neo-conservative, decision-making methodology, as one of the first cases on the docket is centered on physician-assisted suicide.

The case, *Gonzales v. Oregon*, is centered on Oregon's Death With Dignity Act, which allows physicians the ability to provide a terminally ill patient with lethal doses of a prescription drug.

The case was brought by the Bush Administration – specifically Attorney General Alberto Gonzales – arguing that the Controlled Substances Act allows the federal government to revoke the federal prescription license of any physician that prescribes such doses to terminally ill patients.

The right to physician-assisted suicide, though defined rather exactly in *Gonzales*, extends far beyond the actual case. It is a symbolic call-to-arms for the Christian community to protect the "right to life," again gnawing at a bitterly-disputed wound that, for so

long, has served as the lifeblood to the Christian Right's political swing. Like vampires in the witching hour, they will again emerge using rhetorical, circular argumentation to rescript the Constitution.

As sentient human beings, we have the right to call the shots that affect us, so long as no other individual is placed in jeopardy.

From *Griswold v. Connecticut* in the mid 1960s up through the decisions last year, the Court has finely honed its definition of the concept. Though some rulings have proven controversial, the Court has continually supported the Constitutional idea of a "right to privacy."

Today's political conservatism, however, does not provide room for the aforementioned entitlement. As President Bush so often repeated in reference to Iraq, "We don't need to ask permission."

Even for the staunch federalists, this concept is gut-wrenching – that, by arguing the moral-imperative, the federal government of a democratic republic could selectively filter the principles of its founding.

The interesting paradox in this neo-conservative mentality is that many such individuals will snarl in support of the NRA's "cold, dead

hands" motto and balk at the mention that such personal privacy extends beyond a trigger.

Therefore, America needs to rest, for a moment, and finally decide where her priorities lie. The Naturalization Oath of Allegiance dictates that "I will support and defend the Constitution and laws of the United States of America against all enemies, foreign and domestic; that I will bear true faith and allegiance to the same."

Take note that this quotation holds the "Constitution and laws of the United States" to be wholly supreme. The principles of the Constitution were never meant to be superseded by the whimsical certainty of any religion.

So, as a potted reminder to the conservatives in the audience, be careful what you wish for. The United States was in refuge from a tyrannical, religious dictatorship. Though we may believe momentarily that religion can offer a more secure moral ground, consider the unipolarity of that direction. Let this reminder extend to Chief Justice Roberts as he embarks on his much anticipated tenure in the Court.

Zach Aman
oredig@mines.edu

Tom DeLay Behind the Curtain

Courtesy of The New York Times

The criminal conspiracy indictment of Tom DeLay, the House majority leader, remains to be tested in a court of law, and Mr. DeLay adamantly says he is innocent. He is also loudly denouncing the prosecution as baldly political. But it might be easier to take that seriously if the Republican leadership in Congress had not staged such a baldly political response.

Mr. DeLay should simply have resigned as majority leader, as Republican rules require and as others have done in this position. Instead, the House speaker, Dennis Hastert, called the move temporary, did not actually replace him and made it obvious to everyone that Mr. DeLay would run the show from the wings. Leaving aside the rather comical hypocrisy of the Republicans, who started hounding Representative Dan

Rostenkowski from office even before he was indicted in 1994, this display was unnecessary. It would hardly have provoked a constitutional crisis for Mr. DeLay to resign from a purely partisan post, for which no ordinary American casts a vote, in a House held in an iron grip by his party.

Win or lose in court, Mr. DeLay should be permanently stripped of his leadership powers. The imperious Texan is an increasing embarrassment to his party, turning its majority into an undisguised fountain of patronage and an ideological cudgel while skirting the bounds of campaign law. The underlying deed that prompted the Texas indictment is reason enough for him to relinquish leadership. Mr. DeLay was open in his stratagem of using his federal clout to game state elections in Texas and force an unusual and legally

dubious gerrymander to cushion the Republican Congressional majority.

Mr. DeLay's tooth-and-claw tactics taint his whole party. His role as a millstone in the coming elections will only grow in the eyes of gleeful Democrats and other critics who have long called for the moribund House ethics committee to investigate various aspects of the DeLay machine. These include his overseas junketeering with the power lobbyist Jack Abramoff, who has been indicted in another case. Mr. DeLay's indictment is a reminder of the committee's failure to enforce its own rules.

It's long been clear that the political damage to Mr. DeLay has been self-inflicted. His value as a leader was compromised well before his run in with the prosecutor in Texas.

Be a linguist in the Army

Learn one of 21 languages at the Army's school in Calif.

Or if you speak Arabic, Pushtu, Kurdish, Turkish, Dari or Farsi, be a translator aide in the Army Reserve and get a

\$10,000 bonus.

Hear a presentation by Sgt. 1st Class Chris Tovar at the student center

Oct. 17 at 11:30 a.m.

He has attended the Army's language school and speaks Chinese.

If you can't make the presentation, contact Sgt. 1st Class Richard Short at 303-278-3500.



Intramural Sports Presents:



INDOOR SOCCER

ENTRY DEADLINE: Thursday, October 13 @ 5 PM

TOURNAMENT STARTS: Sunday, October 16

Stop by the Intramural Sports office (by the CSM Bookstore) to pick up a team entry form!

Questions???

Brandon Leimbach (bleimbac@mines.edu) x3646
John Howard (jkhoward@mines.edu) x3646

INTRAMURAL SPORTS FREE THROW CONTEST



ENTRY DEADLINE: Thurs. , Oct. 6 @ 5PM
TOURNEY DATE: Tuesday, Oct. 11 @ 9PM

Stop by the Intramural Sports office (by the CSM Bookstore) to pick up an entry form!

Questions???

Brandon Leimbach (bleimbac@mines.edu) x3646
John Howard (jkhoward@mines.edu) x3646



LIKE RUNNING???



INTRAMURAL SPORTS

CROSS COUNTRY RACE

ENTRY DEADLINE: Thurs October 6 @ 5PM

RACE DATE: Saturday, October 8 @ 9AM

Stop by the Intramural Sports office (by the CSM Bookstore) to pick up an entry form!

Questions???

Brandon Leimbach (bleimbac@mines.edu) x3646
John Howard (jkhoward@mines.edu) x3646

STEEL DOORS
ARE
OPENING

Management
Positions
Available

www.ussteel.com



Got Any Plans for Fall Break? Go to Moab Desert for Dirt Cheap

GOT MOAB?

OCTOBER 14TH-17TH

Biking and Exploring Moab!
Don't have plans for fall break? Experience some of the best biking in the U.S. This trip is designed for beginners and intermediate bikers. The registration deadline for this trip is Wed. Oct. 12th at noon. This trip has a pre-trip meeting on the 12th at 9:00 pm at the ORC. Bring your bike for a free bike safety check and learn all you need to know to be ready for the trip. This trip will depart from the ORC on the Fri the 14th and return Mon. evening Cost: \$45



For more information visit us in the Mines Park Community Center (next to the C Store) or call us at (303) 273-3184 or check us out at www.mines.edu/stu_life/recsports/morc.

WOMEN'S ROCK CLIMBING TRIP

OCTOBER 22ND

Ladies who rock this trip is for you! Leave the boys at home and come with the ladies from the ORC for a day of climbing and fun. We can teach you how to belay and climbing technique or if you're an experienced climber just come and enjoy some fun in the sun. Transportation, equipment and instruction will be provided for only \$10. All abilities are welcome. Registration deadline: Wednesday 9/19 by noon; there will be a mandatory pre-trip meeting 9/19 at 9 pm at the ORC.

ONLY \$10



For more information visit us in the Mines Park Community Center (next to the C Store) or call us at (303) 273-3184 or check us out at www.mines.edu/stu_life/recsports/morc.

Welcome to the New ORC Staff Members

	Allen Livingston Year & Major: Freshman, Petroleum Engineering, Maybe Hometown: Lakewood, CO Position(s): Rental Tech Favorite Activity (Outdoor): Mountain biking, climbing, kayaking, snowboarding, traveling - It's a five-way tie. This summer I spent the most time in my kayak.	Favorite Activity (Indoor): Eating soft-serve ice-cream Preferred Trail Food: Peanut Butter and Bagels Dream Trip: Living on a sailboat for a couple of years Favorite Trip: Durango to Aspen to Glenwood, and kayaking everyday of it Interesting Fact: A friend and I started a long board company last spring called Lettuce Fresh. Quote: "Give me a couple of weeks."	Scott "Lucky" Cabay Year & Major: Junior, ME Hometown: Glenview, IL Position(s): Bike and Rental Tech Favorite Activity (Outdoor): Skiing Favorite Activity (Indoor): Watching TV Preferred Trail Food: Hot Dogs Dream Trip: Winter in Little Cottonwood Canyon Favorite Trip: Week of skiing at Alta Interesting Fact: My local ski hill was 177' tall. Quote: "Choose a job that you like and you'll never work a day in your life."	
---	--	--	---	---

3-3 OVERALL

Football

3-0 RMAC

Mines Heads into Fourth RMAC Competition with 3-0 Record



Mines plays Nebraska-Kearney this weekend at home. Both teams are currently ranked 3-0 in RMAC and this game will determine the RMAC leader.

Last week Mines earned a 46-10 win at Fort Hays State in Rocky Mountain Athletic Conference action at Lewis Field Stadium Saturday afternoon.

The win moves CSM to 3-3 overall and 3-0 in the RMAC, while the Tigers slip to 2-4 (2-2 RMAC).

CSM raced out to a 33-7 halftime lead behind a pair of touchdown runs (9 and 1 yards) from junior running back Bryan Florendo (Crete, Neb./Crete) and a pair of touchdown passes from senior quarterback Danny Medina (Pueblo, Colo./Pueblo South) to senior wide receiver Justin Gallas (Westminster, Colo./Northglenn). The scores went for 37 and 5 yards.

Sophomore kicker Aaron Abel (Cheyenne, Wyo./East) added second

quarter field goals from 33 and 20 yards out and also kicked a 29 yarder in the third stanza and a 27 yarder in the final quarter.

Florendo added a third scoring run from 48 yards out in the fourth quarter. He finished with 141 rushing yards and three touchdowns on 21 carries. Medina went 24-of-33 for 353 yards and two scores, while Gallas caught 10 passes for 184 yards and two touchdowns.

CSM senior linebacker Jared Heath (Highlands Ranch, Colo./Highlands Ranch) posted a team-high eight tackles and also recovered a fumble, while senior cornerback Grant Newton (Castle Rock, Colo./Douglas County) notched his second interception in as many weeks. The Oredigger defense also produced five sacks, including two from senior defensive lineman Caleb Ring (Brighton, Colo./Brighton).

On September 24, Colorado

School of Mines sophomore kicker Abel connected on a 24-yard field goal with three seconds to play lifting the Orediggers to a 27-26 victory over Chadron State at Elliott Field in Rocky Mountain Athletic Conference action Saturday afternoon.

It is the second straight year CSM has topped the Eagles by one point and the second time in as many years that the Orediggers rallied for a victory in the final 30 seconds.

It is the first time since 1966-67 that CSM has knocked off CSC in back-to-back years and the first time since 1993 that the Orediggers have won in Chadron.

Chadron State (1-4, 1-2 RMAC) took a 26-24 lead with 1:12 to play in the game when Danny Woodhead scored on a 3-yard run. CSM blocked the extra point attempt.

However, the Orediggers marched downfield and got all the way to the CSC 7-yard line when senior quarterback Medina scampered 23-yards to the 14-yardline. A personal foul on the Eagles moved the ball to the 7-yardline and Abel was good on the game-winning field goal.

CSM gained a 24-10 lead at the half as Medina and junior Garrett Mehl (Crete, Neb./Crete) threw a touchdown pass each. Junior running back Florendo also scored on a 55-yard run, while Abel hit a career-long 45-yard field goal in the first half.

The Eagles cut the lead to 24-20 at the end of the third quarter and gained their first lead of the game on Woodhead's score.

Medina and Mehl combined to go 20-of-30 for 165 yards and two touchdowns, while Florendo ran 21 times for a career-best 171 yards and a touchdown. Junior linebacker Danny Sprague (Wheat Ridge, Colo./Wheat Ridge) posted a team-high 10 tackles, while senior cornerback Newton was in on eight stops and added an interception.

Jared Heath Named RMAC Player of the Week

Colorado School of Mines senior linebacker Jared Heath (Highlands Ranch, Colo./Highlands Ranch) was named the Rocky Mountain Athletic Conference Defensive Player of the Week following his performance in Saturday's 44-41 overtime loss to nationally-ranked South Dakota at Brooks Field.

It is the second time this season Heath has earned the conference award as he was also the RMAC

Defensive Player of the Week following the season opening loss to Washburn.

In Saturday's game, Heath was once again all over the field as he finished with a school-record 20 tackles, including eight solo. The 20 tackles are the second most by a player in a Division II game this season.

Heath currently leads the team with 50 tackles, six tackles for loss and three sacks.

Volleyball

13-3 OVERALL

7-2 RMAC

CSM Volleyball Knocks Off CU-Colorado Springs, 3-2

The Colorado School of Mines volleyball team picked up its second straight five-set victory in as many days with a 3-2 triumph over CU-Colorado Springs in Rocky Mountain Athletic Conference action Sunday afternoon in Volk Gymnasium.

Game scores were 30-22, 26-30, 30-18, 26-30, 15-12.

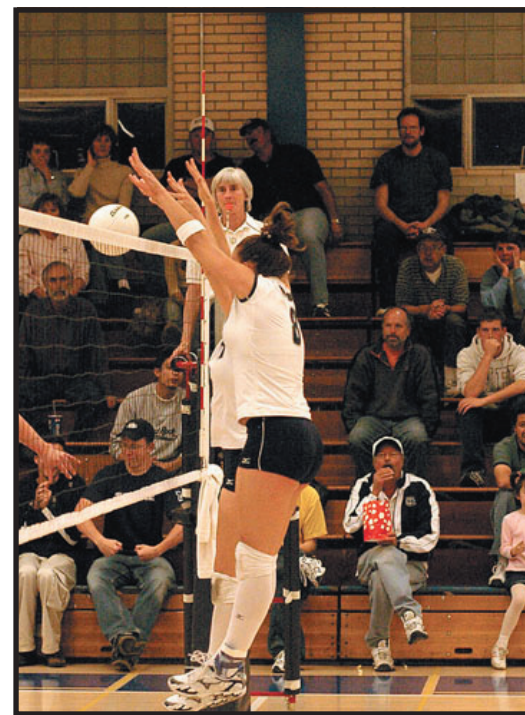
CSM senior outside hitter Samantha Bauer (Lakewood, Colo./Dubai UAE) amassed 16 kills to lead the Orediggers. Junior middle blocker Amanda Rebol (Fort Morgan, Colo./Fort Morgan) tallied 12 kills and 17 digs, while sophomore setter Ashley Pagel (Brighton, Colo./Northern Colorado) registered a match-best 48 assists and senior libero Sarah Alsbrooks (Paola, Kan./St. Thomas Aquinas) recorded a match-high 27 digs.

On October 1, Mines earned a 3-2 victory over Colorado State-Pueblo in Rocky Mountain Athletic Conference action Saturday night in Volk Gymnasium.

Game scores were 28-30, 30-23, 30-25, 20-30, 15-13.

The win tied CSM's win total from last season and also pulled them within six wins of tying the school-record for wins in a season of 18 set in 1997.

Sophomore setter Ashley Pagel



(Brighton, Colo./Northern Colorado) flirted with a triple double as she amassed 47 assists, 17 digs and eight kills tonight. Sophomore middle hitter Nicole Leeper (Brighton, Colo./Brighton) tallied a team-best 15 kills, while junior outside hitter Caitlin Mabe (Lakewood, Colo./Denver Lutheran) and junior middle hitter Amanda Rebol (Fort Morgan, Colo./Fort Morgan) reached double digit kills with 12 and 11, respectively.

CSM senior libero Sarah Alsbrooks (Paola, Kan./St. Thomas Aquinas) was scrappy all night and finished with a match-best 33 digs.

CSU-Pueblo (7-9, 3-5 RMAC) was led by Meagan Sater who produced 25 kills and 18 digs.

Mines Soccer Teams Kicking Some.....



into the first half.

Westminsters lone goal was scored by Mike Johnson.

Mines senior forward Dixon-recorded a hat trick in the first 30 minutes of action and the Orediggers defeated Johnson and Wales, 9-0, in nonconference action Sunday afternoon at Brooks Field.

Freshman forward Nao Lee (Thornton, Colo./Horizon) added two goals and an assist, while freshman midfielder Grant Manthey (Ferndale, Wash./Ferndale) tallied a goal and two assists.

The Women's Team on the other hand dropped a 3-1 decision at New Mexico Highlands on Saturday afternoon.

The Orediggers only goal was scored by senior forward Liz Major (Englewood Colo./Cherry Creek). She now leads the team in goals this season with six.

The women's soccer team also dropped a 3-0 decision at Adams State this afternoon in nonconference action.

It was the second match up for the two teams this season. The first time at home, Mines lost 1-0 in overtime.

The Orediggers ended the game with 18 shots.

They came away with there second win against Johnson and Wales tonight with a 9-1 victory. This was the second time mines played J&W beating the Wildcats the first time 8-0.

Senior Major had a hat trick on the night scoring the Orediggers first two goals early in the first half. Major went on to score another in the second. Six other players also had goals on the night.



The Colorado School of Mines men's soccer team got out to a quick start tonight against Westminster College (Salt Lake City, Utah) scoring all three goals in the first half beating the Griffins 3-1.

Senior forward Mike Dixon (Bakersfield, Calif./Garces Memorial) had another great performance, scoring the Orediggers second and third goals. Mines's first goal was scored by defensive player Nick Kubala (Houston, Texas/Taylor) just nine minutes

Golf

Golf Team Ties for 5th at RMAC Championships

Colorado School of Mines junior golfer Mark Vallee (Louisville, Colo./Monarch) earned All-Rocky Mountain Athletic Conference honors for the second straight year by placing third at the 2005 RMAC Men's Golf Championships on Monday and Tuesday at the 6,517 yard, par 71 Cattails Golf Course.

Vallee's showing helped CSM post a three-round team total of 887 to tie for fifth place with Fort Lewis and Nebraska-Kearney. UC-Colorado Springs won the team title with

an 857 and was followed by Regis (869), CSU-Pueblo (875), Adams State (879), Mines, Fort Lewis and Kearney, Fort Hays State (892) and Colorado Christian (945).

Vallee opened play on Monday with rounds of 72 and 71 and came back on Tuesday to fire a 69 which was the second best round of the day. He finished with a 212, seven shots behind champion Chase Wortmann of UCCS and five behind runner-up Willie Edwards of Adams State.

Alpha Phi Omega

Nat'l co-ed service frat. dedicated to leadership, friendship & service. Sun. 7:00, SC 236. Everyone welcome! dschneid@mines.edu

Anime Club

Need to get away from reality for a while & see a large robot step on a school? Showings on some Wed. nights. adreed@mines.edu

ASA

Asian Student Association. Interested in Asian issues, culture, food? You DON'T have to be Asian! bnguyen@mines.edu.

Astronomy Club

Like space? Star viewing & other fun activities. Bi-monthly Wed night. MH parking lot @ 9 to carpool. bmccoy@mines.edu.

Ballroom Dance

Learn to swing dance! Lindy, Shag, and Balboa. Beginners Welcome! Thurs @ 8:30 pm in SC-D, E. contact: Terri, twagner@mines.edu

CCC

Campus Crusade for Christ. Thurs. @ 8 in SC-D. Everyone welcome, join for worship @ 7 before meetings. Creative Arts Club Get involved, display art, beautify the campus, visit to local bands & poetry slams, etc. cac@mines.edu

Circle K Int'l

Circle K is a volunteer org. helping people. Got tons of projects, just need you! 1st & 3rd Tues. 7 SC-B gwoods@mines.edu

Dance Team

Interested in dancing? Offers both beginning and advanced classes in: jazz, lyrical, hip hop, and tap. Times & directions akeller@mines.edu or anehlet@mines.edu

Earthworks

Earthworks, environmental club. Recycling, trail clean-ups, tie-dye & plant sale, Earth Day celebration & more. earthworks@mines.edu.

EWB

Engineers Without Borders. Do engineering projects to help struggling people worldwide. 1st&3rd Tues. SC-C ryamille@mines.edu

FCA

Fellowship of Christian Athletes. Weds. 7:30 SC-D&E. All welcome. jabryant@mines.edu

High Grade

Literary Mag. Accepting submissions for 2005 edition as well as new staff. Submissions, ?'s: highgrade@mines.

ISO

International Student Organization. representing interests of internationals. International Office (1404 Maple St.) Leslie 303-273-3210 or Kenny 303-215-0449

Karate Club

Mon. & Wed. 6:30-7:30 Wrestling room. All welcome, beg. to adv. 303-215-6131 epesce@mines.edu

Kayak Club

Pool sessions Mons. 8-9PM. All welcome, beg. to adv. mwisniew@mines.edu

Kendo Club

Japanese swordfighting. Increase concentration, reactions, self-confidence & endurance. Weds. 7-9 pm Field House. cimedina@mines.edu

Investment Club

Learn what "Pay Yourself First" really means. Tue. 3-4PM AH 362 or 151 depending on availability. corn_daddy@hotmail

MSEC

Material Science Engineering club. All majors invited to join. jnekuda@mines.edu.

Newman Group

Catholic Newman Group. Tues. 8:30 p.m. Ted Adams room (GC). All, regardless of beliefs or affiliation, are welcome ccooper@mines.edu.

ORC

Outdoor Rec. Center. Recreation, equipment and lessons. Visit ORC across from IM fields. Hours: Mon-Fri 10 am-6 pm & Sat-Sun 10 am-2 pm 303-278-6202

PHATES

Peers Helping Aid in Tough Everyday Situations. "We are listening..." Dedicated to listening to your problems. Mel Kirk, Student Development Center 303-273-3377.

Phi Beta Delta

Honor society dedicated to recognizing scholarly achievement in the international education. Shahir Adnan, mmohdadn@mines.edu

Robotics Club

Every 1st & 3rd Tues BB 206. atodd@mines.edu

Rugby

No height, weight or age requirements. Great social life. Excellent way to continue a contact sport. rugby@mines.edu

SBE

Students in Bioengineering. Use skills to influence medicine & other bioengineering realms. See opportunities, including BELS minor & local industry. biostudents@mines.edu.

SCA

Students for Creative Anachronism. Fencing meets Thurs. 7-9 in the Field House. Belly & court dance Tues. 7-9 in SC. kyrlee@mines.edu

Snowboard Club

Open to anyone who wants to make tracks. Great benefits, competition and parties. jkopp@hotmail.com

Sigma Lambda

1st & 3rd Weds. 6:30 SC 234. EVERYONE WELCOME: gay, bisexual, transgendered & allies. sigmalambda@mines.edu

SHPE

Society of Hispanic Professional Engineers. Guest Speakers, Heritage Awareness and more. Every second Friday at noon. esalas@mines.edu

Ski Bums

Like to Ski? People to ski with, fun activities & trips. Great ski deals & a great time. jtebeest@mines.edu 303-877-7343

Ski Team

Continue racing in a relaxed environment or just an excuse to go skiing more. Join Ski Team! rcadenhe@mines.edu

Sober Drivers

Need a ride home on Fri. or Sat. night between 9 pm & 3 am? Kappa Sigma Sober Driver Program 303-279-9951. Must be within 15 min. of campus.

SWE

Society of Women Engineers. Hear from speakers in industry, universities etc. on topics affecting women & students at Mines. Weds. 12 CO 209 kmutersp@mines.edu

SPE

Society of Petroleum Engineers, Prof. org. Learn about the technology & business aspects used in the petroleum industry.magallag@mines.edu

Club Tennis

New members welcome for info, email astoddar@mines.edu

Most club web pages can be accessed through http://www.mines.edu/Stu_life/organ/ or by searching the www.mines.edu website.

The Oredigger is the historical record for CSM. Get involved and make it your newspaper, write your history, SUBMIT, COMMENT, GET INVOLVED!

Contact the newspaper staff at oredig@mines.edu with photos, poetry, news stories, editorials, club announcements, classified, advertisements/announcements or other material.

Check us out @ www.mines.edu/Stu_life/pub/csmoredig/ Interested in advertising your club with style? Email oredig@mines.edu to find out about complimentary space, available for reserve on the back page, for Mines announcements with graphics.

Emergency Resources

All Life-Threatening Emergencies: 911
Public Safety
Public safety concerns, suspicious incidents, crimes & emergencies 1812 Illinois Street (NW corner of Illinois & 19th) 303-273-3333 24/7
Student Health Center
Routine medical and dental issues 1225 17th Street (SE corner of Elm and 17th) 303-273-3381 8 am -12 pm & 1 pm - 4:45 pm M-F
Student Development Services
Personal, academic, career, and crisis counseling. Student Center, Suite 8 (behind the Cashier) 303-273-3377 M-F 8-5
Comitis Crisis Center
Suicide and crisis intervention hotline & emergency shelter assistance 303-343-9890 24/7
National Suicide Hotline
Suicide and crisis intervention hotline 1-800-SUICIDE (1-800-784-2433) 24/7

Classified Advertisments & Announcements

For Sale

For Sale

Mission to Mars movie poster. \$3 a poster. While supplies last. Contact choffman@mines.edu

Did you know?

Students and Faculty can have ads placed on this back page to buy and sell, find roommates, find employees, find employers, or whatever other need. So go on get what you need!

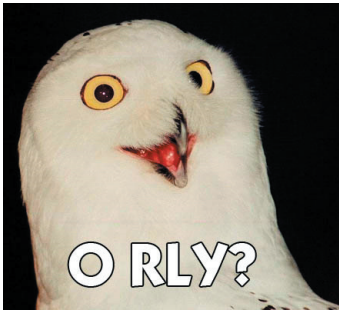
Help Wanted/ Misc

Employment

\$10,000 Enlistment Bonus for speakers of Middle Eastern Languages. The Army has immediate positions available for qualified candidates between the ages of 17-40. For details visit your local Army Career Counselor or Call 303-278-3500. An Army of One.

Found

Found iPod. Contact emartin@mines.edu. Date lost and playlist needed to prove ownership.



Classic CSM Football
Jerseys

\$60 or 2 for \$100

Game-worn, look great
Over 70 to choose from
Contact J.D. @303-233-3181

Early Career Opportunities

Engineering (Chemical, Petroleum, Mechanical, Electrical, Civil), Geosciences, Chemistry, Physics, MIS/IT, Sales & Marketing, Accounting, Finance, Human Resources, Supply Chain

Shell is at the heart of the energy and petrochemical business, and one of the world's most successful organizations. However, we always recognize that Shell is also part of society and that our success as an organization is intimately linked to that of society. So, at Shell, we are totally committed to a business strategy that always balances profits with principles. We are also committed to attracting, training, developing and rewarding world-class people for this truly world-class business. We acknowledge and reward ideas and solutions, and recognize and nurture each person's abilities. How far and how fast you develop within Shell depends on your individual contribution. To learn more or apply online, please visit our website.

Shell is an Equal Opportunity Employer.

www.shell.com/careers

